

(Virtual University)

Spring 2024

CS201P(Introduction to Programming)(Practical)

Final Term MCQ's 2024

Made by Default.

Warning: There is a chance that there are some wrong answers. All students are told to cross check these answers for better understanding of these concepts which will ultimately help you for the preparation of the Final Term Papers.

CS201P - Introduction to Programming (Practical) (Regular Quiz 3) Quiz Start Time: 12:31 PM, 27 June 2024

Question # 1 of 10 (Start time: 12:31:41 PM, 27 June 2024) Total Marks: 1

In C++, which of the following function causes the full definition of the function to be inserted in each place when it gets called?

Select the correct option Reload Math Equations

- Built-in function
- Recursive function
- Library function
- Inline function

Click to Save Answer & Move to Next Question

CS201P - Introduction to Programming (Practical) (Regular Quiz 3) Quiz Start Time: 12:31 PM, 27 June 2024

Question # 2 of 10 (Start time: 12:32:07 PM, 27 June 2024) Total Marks: 1

In C++, _____ function is used to write a character into a file while _____ is used to get a character from a file.

Select the correct option Reload Math Equations

- getc(), putc()
- putc(), getc()
- seekg(), tellg()
- tellg(), seekg()

Click to Save Answer & Move to Next Question

Question # 3 of 10 (Start time: 12:32:42 PM, 27 June 2024)

Total Marks: 1

The bit manipulation operator _____ is used to check whether a specific bit is set or not.

Select the correct option

[Reload Math Equations](#)

- *
- ^
- &
- |

[Click to Save Answer & Move to Next Question](#)

Question # 4 of 10 (Start time: 12:33:14 PM, 27 June 2024)

Total Marks: 1

In C++, when accessing files randomly, which function is used to get current pointer position inside a file?

Select the correct option

[Reload Math Equations](#)

- seekp()
- tellg()
- seekg()
- tellp()

[Click to Save Answer & Move to Next Question](#)

Question # 5 of 10 (Start time: 12:34:10 PM, 27 June 2024)

Total Marks: 1

_____ is a user-defined data type.

Select the correct option

[Reload Math Equations](#) Class Constructor Pointer Function[Click to Save Answer & Move to Next Question](#)

Question # 6 of 10 (Start time: 12:34:43 PM, 27 June 2024)

Total Marks: 1

Trying to use getch() function without including #include<conio.h> header file in the program is a _____ error.

Select the correct option

[Reload Math Equations](#) Logical Compilation RunTime Arithmetic[Click to Save Answer & Move to Next Question](#)

Question # 7 of 10 (Start time: 12:35:30 PM, 27 June 2024)

Total Marks: 1

In C++, the name of the _____ is the same as that of a class with a preceding tilde (~) sign.

Select the correct option

[Reload Math Equations](#)

- Friend function
- Destructor
- Constructor
- Utility function

[Click to Save Answer & Move to Next Question](#)

Question # 8 of 10 (Start time: 12:36:04 PM, 27 June 2024)

Total Marks: 1

Which function is automatically called in C++ if we do not define it in a class?

Select the correct option

[Reload Math Equations](#)

- Default and Parametrized Constructor
- Default Constructor
- Inline function
- Parametrized Constructor

[Click to Save Answer & Move to Next Question](#)

Question # 10 of 10 (Start time: 12:37:11 PM, 27 June 2024)

Total Marks: 1

What will be the output of the given program?

```
#include<iostream>
#include<stdlib.h>
using namespace std;
int main(){
int * p;
p = calloc(10,sizeof(int));
cout<<"The number of bytes reserved are " << 10*sizeof(int);
free (p);
return 0;
}
```

Select the correct option

[Reload Math Equations](#)

- A compile error
- The number of bytes reserved are 20
- The number of bytes reserved are 40
- Arithmetic Error

[Click to Save Answer & Move to Next Question](#)

Question # 1 of 10 (Start time: 07:50:54 PM, 01 July 2024)

Total Marks: 1

Bool data type takes _____ values.

Select the correct option

[Reload Math Equations](#)

- 2
- 0
- 3
- 1

[Click to Save Answer & Move to Next Question](#)

Question # 2 of 10 (Start time: 07:51:30 PM, 01 July 2024)

Total Marks: 1

Which of the following options not a source of the output stream?

Select the correct option

[Reload Math Equations](#)

- file
- screen
- simple variable
- region in the memory

[Click to Save Answer & Move to Next Question](#)

Question # 3 of 10 (Start time: 07:52:09 PM, 01 July 2024)

Total Marks: 1

An entry in an online encyclopedia that refers to another entry whose title has been changed is an example of _____.

Select the correct option

[Reload Math Equations](#)

- NULL Pointer
- This pointer
- Reference pointer
- Dangling pointer

[Click to Save Answer & Move to Next Question](#)

Question # 5 of 10 (Start time: 07:53:11 PM, 01 July 2024)

Total Marks: 1

Which one is correct syntax for declaration of a function which can return a reference?

Select the correct option

[Reload Math Equations](#)

- &function_name datatype (parameter list)
- datatype (parameter list) &function_name
- datatype& function_name (parameter list)
- &datatype function_name (parameter list)

[Click to Save Answer & Move to Next Question](#)

Question # 6 of 10 (Start time: 07:54:04 PM, 01 July 2024)

Total Marks: 1

If the memory in the free store is not sufficient enough to fulfill the request, malloc () function returns _____.

Select the correct option

[Reload Math Equations](#)

- 0
- NULL
- 1
- 1

[Click to Save Answer & Move to Next Question](#)

Question # 7 of 10 (Start time: 07:54:36 PM, 01 July 2024)

Total Marks: 1

```
if (day == daysOfMonth ( *this )  
{  
}
```

In above code, **this* refers to:

Select the correct option

[Reload Math Equations](#)

- Any Object
- Current Object
- Today Date and Time
- Current Class

[Click to Save Answer & Move to Next Question](#)

Question # 8 of 10 (Start time: 07:57:47 PM, 01 July 2024)

Total Marks: 1

What is the correct prototype of overloading of delete operator?

Select the correct option

[Reload Math Equations](#)

- new operator delete (void * ptr);
- void * operator delete (size_t size);
- void * operator delete (size_t, size);
- void operator delete (void * ptr);

[Click to Save Answer & Move to Next Question](#)

Question # 9 of 10 (Start time: 07:58:19 PM, 01 July 2024)

Total Marks: 1

In C++, which operator is used for memory allocation?

Select the correct option

[Reload Math Equations](#) Allocate Calloc Allocate_memory New[Click to Save Answer & Move to Next Question](#)

Question # 10 of 10 (Start time: 07:58:41 PM, 01 July 2024)

Total Marks: 1

In C++, *sizeof* operator is used to determine _____.

Select the correct option

[Reload Math Equations](#) Size of data type Number of words Length of words Length of string[Click to Save Answer & Move to Next Question](#)

Question # 1 of 5 (Start time: 11:30:55 AM, 04 July 2024)

Total Marks: 1

In C/C++ language, memory at runtime is allocated from _____.

Select the correct option

[Reload Math Equations](#) Free store(heap) Stack Hard disk ROM[Click to Save Answer & Move to Next Question](#)

Question # 2 of 5 (Start time: 11:31:41 AM, 04 July 2024)

Total Marks: 1

An entry in an online encyclopedia that refers to another entry whose title has been changed is an example of _____.

Select the correct option

[Reload Math Equations](#) This pointer NULL Pointer Reference pointer Dangling pointer[Click to Save Answer & Move to Next Question](#)

Question # 3 of 5 (Start time: 11:32:20 AM, 04 July 2024)

Total Marks: 1

Which one is the correct syntax to declare the *friend* function?

Select the correct option

[Reload Math Equations](#)

- Friend return_type (int, char);
- FRIEND return_type friend_function_name(int, char);
- friend return_type friend_function_name(int, char);
- FRIEND friend_function_name(int, char);

[Click to Save Answer & Move to Next Question](#)

Question # 4 of 5 (Start time: 11:32:52 AM, 04 July 2024)

Total Marks: 1

Where can we declare a friend function in the class?

Select the correct option

[Reload Math Equations](#)

- Anywhere
- Nowhere
- Void
- Main()

[Click to Save Answer & Move to Next Question](#)

Question # 5 of 5 (Start time: 11:33:28 AM, 04 July 2024)

Total Marks: 1

In the following code, what will be the output of i?

```
#include<iostream>
using namespace std;
main()
{
int i;
int &j = i;
i = 123;
cout<< "\n The value of i = " << i;
}
```

Select the correct option

[Reload Math Equations](#)

- | | |
|----------------------------------|---------|
| <input checked="" type="radio"/> | 123 |
| <input type="radio"/> | X012345 |
| <input type="radio"/> | 321 |
| <input type="radio"/> | 012345x |

[Click to Save Answer & Move to Next Question](#)

Judge Holden